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| UTILITY |
|---------------------------|
| PATENT APPLICATION |
| TRANSMITTAL |

| | Attorney Docket No. | | | 3515.1 | | | |
|---|---------------------|---|------|-------------|----|--|--|
| - | First In | ventor | Rich | nard Chiles | PT | | |
| | Title | System, Method, and Computer Software Product for Analysis a Display of Genotyping, Annotation, and Related Information | | | | | |

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Express Mail Label No. ET 751025955 US Commissioner for Patents **APPLICATION ELEMENTS** Mail Stop Patent Application ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🖂 Specification [Total Pages a. Computer Readable Form (CRF) (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the Invention i. CD-ROM or CD-R (2 copies); or - Cross Reference to Related Applications ii. D paper - Statement Regarding Fed sponsored R & D c. Statements verifying identity of above copies - Reference to sequence listing, a table, or a computer program listing appendix **ACCOMPANYING APPLICATIONS PARTS** - Background of the Invention - Brief Summary of the Invention 9. 🔲 Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 10. 37 C.F.R. 3.73(b) Statement ☐ Power of - Detailed Description (when there is an assignee) Attorney - Claim(s) - Abstract of the Disclosure 11. English Translation Document (if applicable) 12. Drawing(s) (35 U.S.C.113) [Total Sheets 8 Information Disclosure Copies of IDS] Statement (IDS)/PTO-1449 Citations 5. Oath or Declaration [Total Sheets 13. 🔲 **Preliminary Amendment** a. Newly executed (original or copy) 14. Return Receipt Postcard (MPEP 503) b. Copy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. 🔲 Certified Copy of Priority Document(s) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. 🔲 Nonpublication Request under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. 🔲 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: ☐ Continuation □ Divisional ☐ Continuation-in-part (CIP) of prior application No: ___ Prior application information: Examiner Art Unit: For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 22886 or 🔲 Correspondence address below □ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) Name Address City State Zip Code Country Telephone Fax Name (Print/Type) Michael G. Verga Registration No. (Attorney/Agent) 39,410 Signature 9/8/2003 Date

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

876

| Complete if Known | | | | | | | |
|----------------------|----------------|--|--|--|--|--|--|
| Application Number | | | | | | | |
| Filing Date | 9/8/2003 | | | | | | |
| First Named Inventor | Richard Chiles | | | | | | |
| Examiner Name | TBD | | | | | | |
| Art Unit | TBD | | | | | | |
| Attorney Docket No. | 3515.1 | | | | | | |

| METHOD OF PAYMENT (check all that apply) | | FEE CALCULATION (continued) | | | | | | | |
|---|-------------|---|-------------|-------------|--|--|--|--|--|
| ☐ Check ☐ Credit card ☐ Money ☐ Other ☐ None | 3. AE | 3. ADDITIONAL FEES | | | | | | | |
| Order Deposit Account: | Large | Large Entity | | Entity | | | | | |
| Deposit — | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description Fee Paid | | | | |
| Account 01-0431 | 1051 | 130 | 2051 | 65 | Surcharge - fate filling fee or oath | | | | |
| Number | 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet. | | | | |
| Deposit | 1053 | 130 | 1053 | 130 | Non-English specification | | | | |
| Account Affymetrix, Inc. | 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | | | | |
| The Director is authorized to: (check all that apply) | 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | | | | |
| ☐ Charge fee(s) indicated below ☐ Credit any overpayments ☐ Charge any additional fee(s) during the pendency of this application | 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | | | | |
| ☐ Charge fee(s) indicated below, except for the filing fee | 1251 | 110 | 2251 | 55 | Extension for reply within first month | | | | |
| to the above-identified deposit account. FEE CALCULATION | 1252 | 410 | 2252 | 205 | Extension for reply within second month | | | | |
| 1. BASIC FILING FEE | 1253 | 930 | 2253 | 465 | Extension for reply within third month | | | | |
| Large Entity Small Entity Fee Fee Fee Fee Fee Description | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | | | | |
| Code (\$) Code (\$) Fee Paid | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | | | | |
| 1001 750 2001 375 Utility filing fee 750 | 1401 | 320 | 2401 | 160 | Notice of Appeal | | | | |
| 1002 330 2002 165 Design filing fee | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | | | | |
| 1003 520 2003 260 Plant filing fee | 1403 | 280 | 2403 | 140 | Request for oral hearing | | | | |
| 1004 750 2004 375 Reissue filing fee 1005 160 2005 80 Provisional filling fee | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | | | | |
| 1003 100 2003 80 Provisional lilling fee | 1452 | 110 | 2452 | 55 | Petition to revive – unavoidable | | | | |
| SUBTOTAL (1) (\$) 750 | 1453 | 1,300 | 2453 | 650 | Petition to revive – unintentional | | | | |
| A FYTDA OLANI EETO | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | | | | |
| 2. EXTRA CLAIM FEES Extra Fee from Fee | 1502 | 470 | 2502 | 235 | Design issue fee | | | | |
| Claims below Paid | 1503 | 630 | 2503 | 315 | Plant issue fee | | | | |
| Total Claims 27 -20 ** = 7 X 18 = 126 | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | | | | |
| Independent 3 -3 ** = 0 X = 0 | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | | | | |
| Multiple | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | | | | |
| Dependent X = 0 Large Entity Small Entity | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | | | | |
| Fee Fee Fee Fee Description | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | | | | |
| 1202 18 2202 9 Claims in excess of 20 | 1810 | 750 | 2810 | 375 | For each additional invention to be | | | | |
| 1201 84 2201 42 Independent claims in excess of 3 | | | | | examined (37 CFR § 1.129(b)) | | | | |
| 1203 280 2203 140 Multiple dependent claim, if not paid | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | | | | |
| 1204 84 2204 42 *** Reissue independent claims over original patent | 1802 | 900 | 1802 | 900 | Request for expedited examination | | | | |
| 1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent | | of a design application | | | | | | | |
| SUBTOTAL (2) (\$) 126 | | Other fee (specify) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) | | | | | | | |
| **or number previously paid, if greater; For Reissues, see above | | | | | SUBTOTAL (3) (\$) 0 | | | | |

| SUBMITTED BY Complete (if applicable) | | | | | | | | | |
|---------------------------------------|--------------------------|--|------|-----------|--------------|--|--|--|--|
| Name (Print/Type) | William R. McCarthy, III | Registration No. Attorney/Agent) | | Telephone | 781-280-1522 | | | | |
| Signature | Willen M. Z. | MANTE TO THE PARTY OF THE PARTY | Date | 9/8/2003 | | | | | |

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